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November 19, 2003

Customer No.
23911

Mail Stop PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: New U.S. Patent Appln.
Our Ref: 029303.52803US

Sir:

Transmitted herewith for filing is the patent application of:

**Heinz-Dieter HELLMANN; Christian TRAUTMANN; Juergen SCHILL; and
Falk SCHAEFER**

entitled: **METHOD AND APPARATUS FOR EARLY FAULT DETECTION
IN CENTRIFUGAL PUMPS**

Enclosed are:

1. ☒ Application Data Sheet
2. ☒ Specification, including 11 claims (pages 1-10).
3. ☒ 3 Sheets of drawings showing Figs. 1-3.
4. ☒ Certified copy of Priority Document 102 54 041.1 filed in Federal Republic of Germany on November 20, 2002, the priority of which is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55.
5. ☒ Information Disclosure Statement w/9 references.


Assignment of the invention is to KSB Aktiengesellschaft.

The filing fee has been calculated as shown below:

Basic Fee						\$385/770	=	\$770.00	
Total Claims	11	-	20	=	0	x	\$9/18	=	\$
Independent Claims	2	-	3	=	0	x	\$43/86	=	\$
Multiple Dependent Claim Presented						\$140/280	=	\$	
Total Filing Fee									\$770.00

The filing fee is being deferred.

Respectfully submitted,



J. D. Evans
Registration No. 26,269

JDE:tlm